

Listing and Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Amended) A compressed gas gun comprising:

a housing having a barrel for channeling a projectile out of the housing, a breech located within the housing, and a bolt having a port therethrough, the bolt being slidably disposed within the breech;

a gas passage conduit extending from an inlet adapted to engage with a compressed gas storage source, the conduit including a valved discharge port connecting the conduit with the ~~breech~~ port, the conduit including the port having angled surfaces between about 18 degrees to about 28 degrees.

5. (New) A gas passage conduit for a compressed gas gun, comprising:

bolt reciprocally moveable within a breech, the bolt having a port therethrough, the port having at least one angled surface;

a valve stem guide to the rear of a discharge port, the valve stem guide having at least one angled surface;

a gas passage connecting the port and the discharge port;

wherein the angle of the angled surface of the port is about 18 degrees to about 28 degrees from a horizontal axis of the bolt, and wherein the angled surface of the valve stem guide is about 18 degrees to about 28 degrees from a horizontal axis of the discharge port.

6. (New) A compressed gas gun comprising:

a barrel having a forward end and a rearward end;

a breech rearward of the barrel and in communication with the barrel;

a bolt reciprocally moveable within the breech having a port therethrough, the port having at least one angled surface;

a pneumatic gas cylinder parallel to the breech having a forward end and a rearward end, the gas cylinder adapted to receive compressed gas from a compressed gas source;

a slider having a forward end and a rearward end reciprocally moveable within the gas cylinder, the slider having a hammer attached to its forward end, the hammer mechanically connected to the bolt via a link pin, the slider biased toward the forward end of the gas cylinder to a firing position when compressed gas is selectively permitted into the gas cylinder to the rear of the slider;

a discharge port having a forward end and a rearward end, the discharge port adapted to receive compressed gas from the compressed gas source;

a valve stem guide adjacent a rearward end of the discharge port, the valve stem guide having at least one angled surface, the valve stem guide having a valve stem projecting therethrough biased toward the rearward end of the gas cylinder by a spring, the hammer engaging the valve stem when the slider is adjacent the forward end of the gas cylinder; and,

a gas passage connecting said discharge port with said port;

wherein the gas passage, valve stem guide and port form a gas passage conduit, wherein the angle of the angled surface of the port is about 18 degrees to about 28 degrees from a horizontal axis of the bolt, and wherein the angled surface of the valve stem guide is about 18 degrees to about 28 degrees from a horizontal axis of the discharge port.

7. The compressed gas gun according to claim 6, further comprising an electronic system for operating the gun.

8. The compressed gas gun according to claim 6, further comprising an electronic system for controlling the position of the slider.

9. The compressed gas gun according to claim 6, further comprising a high pressure gas circuit connecting a source of compressed gas with the port of the bolt and a low pressure gas circuit connecting a source of compressed gas with the slider.

10. The compressed gas gun according to claim 6, further comprising:
a trigger;
an electronic actuated solenoid 4-way valve for selectively allowing compressed gas to enter the gas cylinder forward of the slider to bias the slider to a cocked position, and rearward of the slider to bias the slider to a firing position;

whereby operating the trigger sends an electronic signal to the electronic solenoid 4-way valve.

11. The compressed gas gun according to claim 6, further comprising a trigger and a solenoid, the solenoid configured to selectively allow compressed gas to enter the gas cylinder rearward of the slider when the trigger is pulled.